

What Is Claimed Is:

1. A client-based method for managing transfer of a file having data from a networked device to a client system having a network connection, comprising the steps of:

(a) monitoring utilization of the network connection;

(b) determining whether to receive data based on the utilization of the network connection;

(c) if step (b) determines to receive data, receiving data from the networked device using the method comprising:

(i) determining whether to adjust an amount of data received in a current iteration;

(ii) if step (i) determines to adjust the amount of data received, adjusting the amount of data to receive according to the type of network connection; and

(iii) receiving the amount of data;

(d) if step (b) determines not to receive data, pausing a predetermined amount of time before proceeding; and

(e) repeating steps (a) - (d) until all data in the file is received.

2. The method of claim 1, further comprising the step of determining a speed of the network connection.

3. The method of claim 1, further comprising the step of defining a size of a receiving buffer according to the type of network connection.

4. The method of claim 1, wherein the step of monitoring the utilization of the network connection includes the step of determining how much data has been transferred through the network connection per unit of time.

5. The method of claim 1, wherein the step of determining whether to receive data based on the utilization of the network connection includes the step of comparing the network utilization to a threshold noise parameter defined according to the type of network connection.

6. The method of claim 5, wherein the threshold noise parameter may be statically, dynamically, or user configurable.

7. The method of claim 1, wherein the step of determining whether to adjust the amount of data received in the current iteration includes determining whether the monitoring of the network connection in a previous iteration resulted in data being received.

8. The method of claim 1, wherein the step of adjusting the amount of data to receive according to the type of network connection includes adjusting a buffer parameter that determines how many times a receiving buffer is read in the current iteration.

9. The method of claim 8, wherein the step of adjusting a buffer parameter that determines how many times a receiving buffer is read in the current iteration includes

incrementing the buffer parameter when monitoring of the network connection in the previous iteration resulted in data being received.

10. The method of claim 9, wherein the buffer is incremented until a predetermined maximum buffer value is achieved.

11. The method of claim 8, wherein the step of adjusting a buffer parameter that determines how many time a receiving buffer is read in the current iteration includes resetting the buffer parameter to a predetermined minimum value when the monitoring of the network connection in the previous iteration resulted in data not being received.

12. The method of claim 1, wherein the step of pausing a predetermined amount of time before proceeding includes the step of pausing a predetermined amount of time determined by the network connection type.

13. A system for managing the transfer of a file having data from a networked device to a client system, comprising:

means for determining a type of network connection of the client system;

means for defining a threshold parameter and a buffer parameter according to the type of network connection;

means for receiving an amount of data determined by the buffer parameter when the utilization of the network connection is below the threshold parameter and adjusting the buffer parameter according to the monitoring of the utilization of the network connection; and

means for suspending the receiving of data when utilization of the network connection is not below the threshold parameter and monitoring the utilization of the network connection.

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